| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|---|--|---------------------|---------|-------------------|
| S1 | 39 | electrochemical near sensor near array | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | -2004/06/06 15:52 |
| S2 | 3 | "6,682,649" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 15:06 |
| S3 | 1 | (electrochemical near sensor near array) and microfluidic | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 15:53 |
| S4 | 3 | (electrochemical near sensor near array) and fluidic | US-PGPUB; USPAT; EPO; DERWENT | OR · | ON | 2004/06/06 15:53 |
| S5 | 684 | electrochemical and array and fluidic | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 16:02 |
| S6 | 464 | microfluidic and channel and sensor and electrochemical and electrode | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 16:03 |
| Š7 | 78 | microfluidic and channel and electrode and (electrochemical near sensor) | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 16:32 |
| S8 | 39 | microfluidic and channel and electrode and (electrochemical near sensor) and antigen | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 16:32 |
| S9 | 408 | antibody and electrochemical near sensor | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/06 16:42 |
| S10 | 23 | ("3663409" "4020830" "4062750" "4214968" "4225410" "4259164" "4269682" "4340457" "4419211" "4455213" "4457161" "4487679" "4502938" "4528085" "4534825" "4542640" "4549951" "4556474" "4562723" "4571293" "4586143" "4592824" "4713165").PN. | USPAT | OR | ON | 2004/06/06 16:58 |

| S11 | 477 | microfluidic and electrochemical and array and antibody | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/11/28 14:20 |
|-----|------|---|--|----|----|------------------|
| S12 | 54 | "6103199" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/12/19 16:33 |
| S13 | 1350 | (substrate or support) and well and antigen and antibody and electrode and binding and microtiter not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:55 |
| S14 | 3. | (substrate or support) and well and antigen and antibody and (microfabricated near electrode) and binding and microtiter not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:51 |
| S15 | 33 | (substrate or support) and antigen and antibody and (microfabricated near electrode) and binding not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:54 |
| S16 | 891 | (substrate or support) and channel and antigen and antibody and electrode and binding and microtiter not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:58 |
| S17 | 1247 | (substrate or support) and channel and antigen and antibody and electrode and binding and array not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:57 |
| S18 | 583 | (substrate or support) and channel and antigen and antibody and electrode and sensor and binding and microtiter not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:59 |
| S19 | 2224 | microtiter near plate and electrode | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:59 |
| S20 | 1453 | microtiter near plate and electrode and antigen | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 17:59 |
| S21 | 1767 | microtiter near plate and electrode and antibody | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:02 |
| S22 | 914 | biosensor and electrode and antibody and array | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:04 |

| S23 | 2298 | channel and electrode and antibody and array | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:04 |
|------------|------|---|--|----|----|------------------|
| S24 | 527 | channel and electrode and antibody and array and fluidic | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:04 |
| S25 | 263 | channel and electrode and antibody and array and fluidic and electrochemical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:04 |
| S26 | 570 | microarray and channel and electrode and antibody | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:11 |
| S27 | 555 | microarray and channel and electrode and antibody and binding | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:13 |
| S28 | 187 | (conduit or channel) and electrode and antibody and binding and ((inlet and outlet) near (port or well)) | US-PGPUB; USPAT; EPO; DERWENT | OR | ÖN | 2004/06/05 18:14 |
| S29 | 159 | parce and microfluidic and antibody and (bind or binding) | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:17 |
| \$30 | 50 | parce and microfluidic and antibody and (bind or binding) and electrochemical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:18 |
| S31 | 476 | microfluidic and antibody and (bind or binding) and electrochemical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:21 |
| S32 | 35 | microfluidic and antibody and (bind or binding) and (electrochemical near sensor) | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:22 |
| S33 | 55 | (microfluidic or fluidic) and antibody and (bind or binding) and (electrochemical near sensor) | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:24 |
| S34 | 25 | channels and inlet and outlet and antibody and (bind or binding) and (electrochemical near sensor) | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/06/05 18:24 |
| S42 | 46 | "5187096" | US-PGPUB; USPAT; EPO | OR | ON | 2004/11/28 14:16 |

| S43 | 413 | microfluidic and electrochemical and array and antibody not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/11/28 14:25 |
|-----|-----|--|--|----|----|------------------|
| S44 | 613 | microfluidic and electrode and array and antibody not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/11/28 14:20 |
| S45 | 2 | microfluidic and electrochemical and array and ((diverging or divergent) near channels) and antibody not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/11/28 14:24 |
| S46 | 0 | microfluidic and electrochemical and array and ((diverging or divergent or separate) near input near channels) and antibody not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ÖN | 2004/11/28 14:25 |
| S47 | | microfluidic and electrochemical and (multiple near channels) and array and antibody not @ay>"2002" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/11/28 14:25 |
| S48 | 0 | ("6632619").URPN. | USPAT | OR | ON | 2004/11/28 14:28 |
| S49 | 4 | "4344424" | US-PGPUB; USPAT; EPO | OR | ON | 2004/11/29 14:12 |
| S50 | -3 | "6,060,700" | US-PGPUB; USPAT; EPO | OR | ON | 2004/11/29 14:39 |